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IEEE Set Top Box Device Driver

ABSTRACT OF THE DISCLOSURE

Abstract

A device interface for use in a receiver/decoder for a broadcast digital television system in which received signals are passed through a receiver to the receiver/decoder and thence to a television set. The receiver/decoder decodes a compressed MPEG-type signal, and is controlled by a remote controller handset, through an interface in the receiver/decoder. The operation of the receiver/decoder is controlled by a virtual machine (VM) which includes a run time engine (RTE). The receiver/decoder includes a plurality of interfaces to external units. The device interface enables an application run by the RTE to access an IEEE 1394 interface.